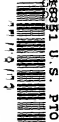




FINNEGAN  
HENDERSON  
FARABOW  
CORBETT &  
ANNER LLP



Stanford Research Park ■ 700 Hansen Way ■ Palo Alto, CA 94304-1016 ■ 650.849.6600 ■ Fax 650.849.6666  
www.finnegan.com

GARY J. EDWARDS

650.849.6622

gary.edwards@finnegan.com



22852

PATENT TRADEMARK OFFICE

July 18, 2003

ATTORNEY DOCKET NO. 09131.0018

CUSTOMER NO. 22,852

EV351293690US

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

New U.S. Patent Application

Title: METHOD AND APPARATUS FOR DIGITAL DETECTION  
OF ELECTROMAGNETIC SIGNAL STRENGTH AND SIGNAL  
DIRECTION IN METALLIC PIPES AND CABLES

Inventors: James W. WAITE et al.



Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application: 36 pages, including one title page (unnumbered), specification (27 pages, pages 2-28), claims (7 pages, pages 29-35), and one Abstract page (page 36); 6 independent claims and 49 claims total.
2. Drawings: 11 sheets of drawings (Figs 1, 2, 3, 4, 5, 6, 7, 8, 9, 10A, 10B, and 11B).
3. Request for Non-Publication of Application (2 pages).

The filing fee is calculated as follows:

Basic Application Filing Fee				\$750	\$ 750.00
	Number of Claims		Basic	Extra Claims	
Total Claims	49	-	20	29 x \$18	522.00
Independent Claims	6	-	3	3 x \$84	252.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)				+\$280	
Subtotal					\$ 1,524.00
Reduction by 1/2 if small entity					- 762.00
TOTAL APPLICATION FILING FEE					\$ 762.00

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

This application will be completed in accordance with 37 C.F.R. § 1.53(f) upon receiving a Notice to File Missing Parts of Application.

Please accord this application an application number and filing date.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By: 

Gary J. Edwards  
Reg. No. 41,008

GJE/lh  
Enclosures

EXPRESS MAIL LABEL NO.  
EV 351293690 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
James W. WAITE et al.	)	Group Art Unit: Not Yet Assigned
	)	
Application No.: Not Yet Assigned	)	Examiner: Not Yet Assigned
	)	
Filed: July 18, 2003	)	
	)	
For: METHOD AND APPARATUS FOR	)	
DIGITAL DETECTION OF	)	
ELECTROMAGNETIC SIGNAL	)	
STRENGTH AND SIGNAL DIRECTION IN		
METALLIC PIPES AND CABLES		

**Mail Stop Patent Application**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REQUEST FOR NON-PUBLICATION OF APPLICATION AND  
CERTIFICATION UNDER 35 U.S.C. § 122(b)(2)(B)(i)**

As an authorized agent of the above-identified applicant, the undersigned attorney hereby certifies that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. § 122(b).

I further understand that this non-publication request may be rescinded at any time and if so, the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

I further understand that if applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the United States Patent and Trademark Office must be notified of such filing within forty-five (45) days after the date of the filing of such foreign or international application. I also understand that failure by applicant to so notify the Patent and Trademark Office will result in abandonment of this application.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: July 18, 2003

By: 

Gary J. Edwards  
Reg. No. 41,008

<b>EXPRESS MAIL LABEL NO.</b> EV 351293690 US
--